a new concept in DIMENSIONS UNLIMITED

Photo: Kim Obata

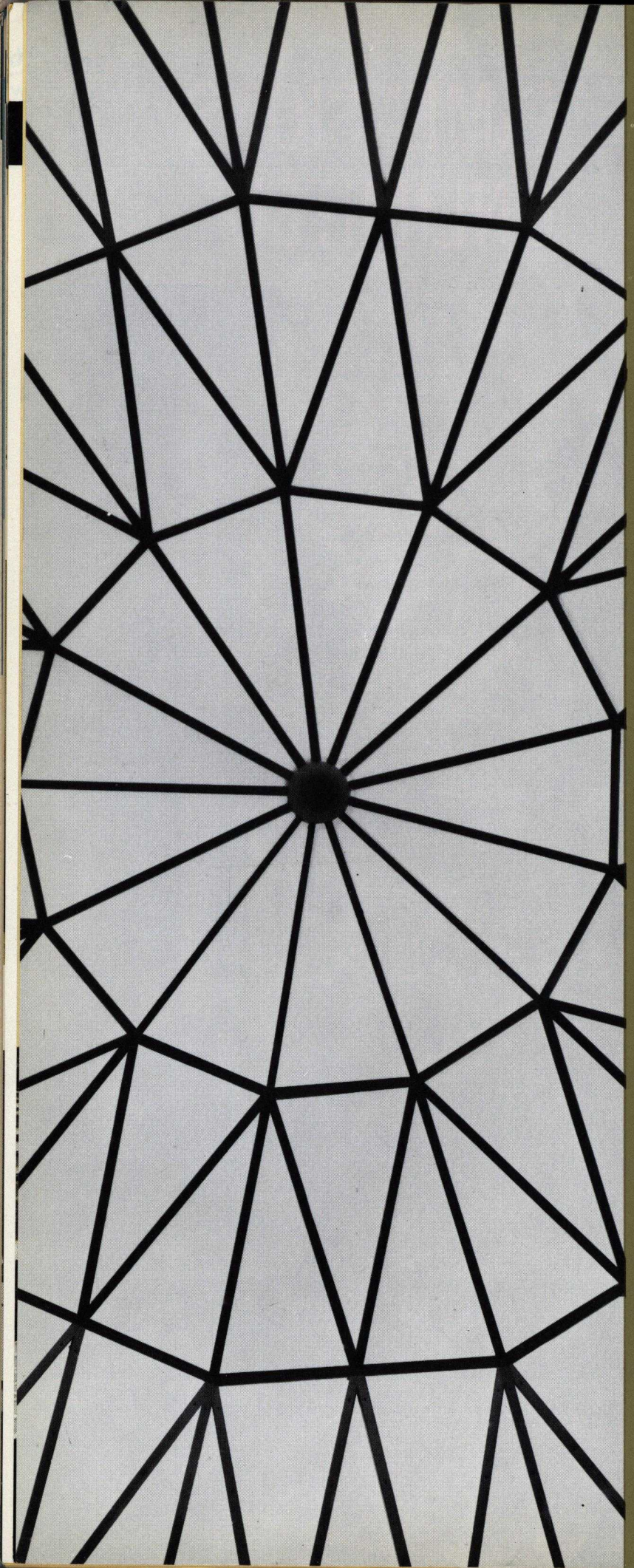
Chapel Dome of St. Camillus Hospital, Milwaukee. Architects: Grassold and Johnson.

Photo: Baltazar Korab

The skylighted central hall of Wayne University's McGregor Memorial Conference Center is topped by gleaming crystal diamonds. Architects: Yamasaki, Leinweber & Associates.

SUPER SKY PRODUCTS CO.

EXTRUDED ALUMINUM PRODUCTS



a new concept in DIMENSIONS UNLIMITED

The only new method of controllable diffused natural lighting adaptable to any design, style, or type of construction.

"Super Sky" is the only skylight on today's market with a built-in subceiling for perfect non-glare light with additional insulation qualities and to eliminate condensation troubles.

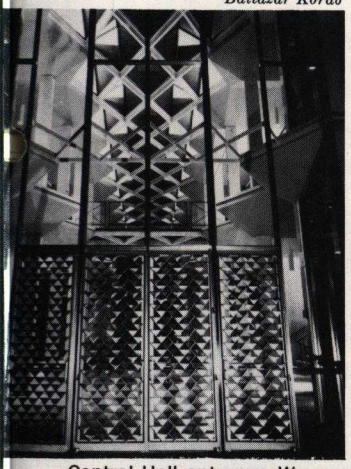
The quantity of light passing through the skylight can be controlled and pre-determined to transmit any amount varying from 5% to 75% by the selection of the glass and plastic subceiling.

Progressive and imaginative architects have utilized Super Sky's tremendous potentialities and they are now designing creative forms that were previously unobtainable. Super Sky has improved and grown tremendously in meeting the challenges of these architects. Every "Impossible" requirement has been solved; so that today, Super Sky can be made in any form, shape, size and design without problems of diffusion, insulation, condensation, heat gain, heat loss, load, leakage, ventilation, etc. Super Sky is the Skylight made for lifetime installation without the cost of maintenance or painting. All Super Skys are custom-built to fit the architects drawings.

SUPER SKY PRODUCTS CO.

Photo: Kim Obata
Dome Pattern

Baltazar Korab



Central Hall entrance, Wayne University's McGregor Memorial Conference Center.

Carl Ullrich

The Amerock Corporation, Rockford, Ill.
Designed by Johnson & Johnson.

John Champlin

Turnpike Dome—35′ in diameter, Sunshine State Parkway Restaurant Building, Lake Worth, Fla.
Designed by Kemp, Bunch & Jackson.

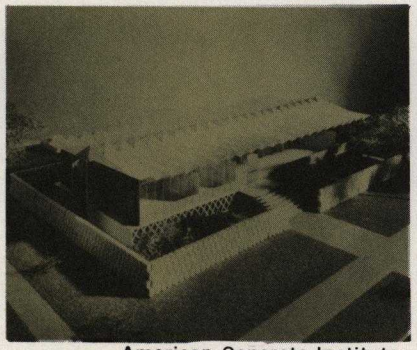
Don Peasley

Woodstock School, Woodstock, Ill.
Designed by Bradley & Bradley.

Lens-Art Photo

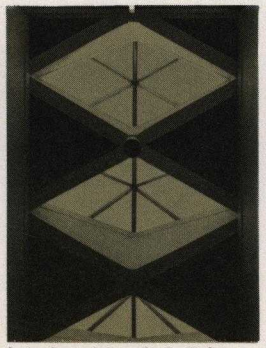
Detroit University School Gymnasium, designed by Yamasaki, Leinweber & Associates.

Lens-Art Photo



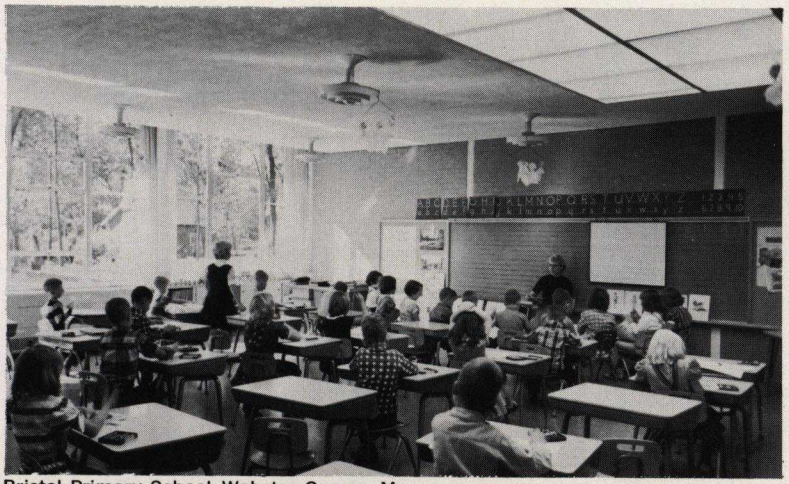
American Concrete Institute, Detroit, designed by Yamasaki, Leinweber & Associates.

Baltazar Korab



Interior view of skylight, American Concrete Institute.

Mac Mizuki



Bristol Primary School, Webster Groves, Mo.
Designed by Hellmuth, Obata & Kassabaum.

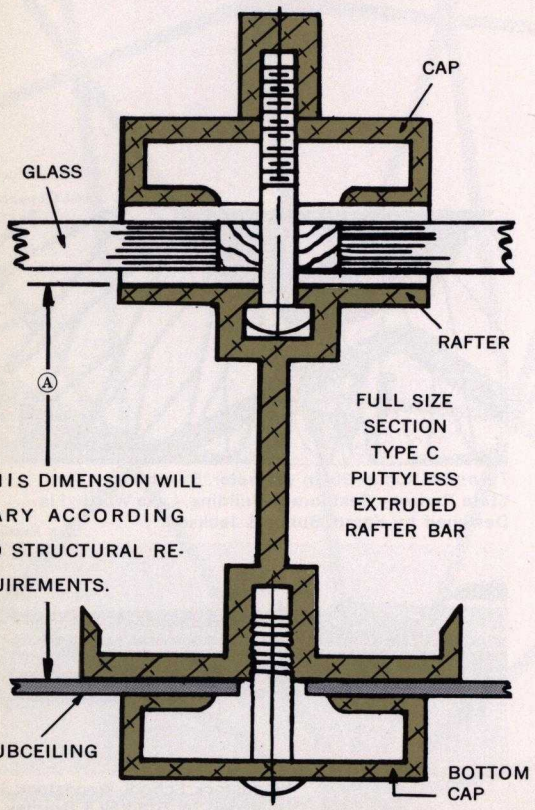
Kim Obata

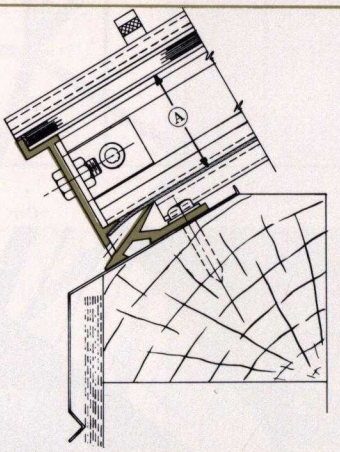
Woodside School Hall, Brookfield, Wisconsin.
Architects: Schutte, Phillips, Mochon.

Over 25 years experience

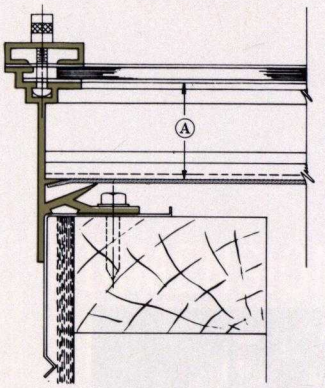
Licensed by Buckminster Fuller for the manufacture of Geodesic Domes.

78 CUSTOM BUILT EXTRUSIONS

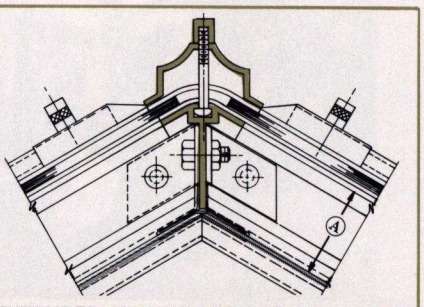




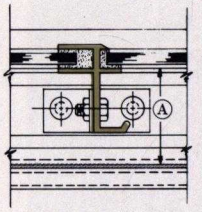
EXTRUDED ALUMINUM CURB BAR



EXTRUDED ALUMINUM END RAFTER



EXTRUDED ALUMINUM RIDGE OR HIP BAR



EXTRUDED ALUMINUM CROSS BAR

SPECIFICATIONS

Section (*1*) SCOPE

1. Furnish and install skylights as shown on drawings.
2. Furnish and install all standard aluminum flashing as shown on drawings.

Section (*2*) GENERAL

1. Skylight shall be "Super Sky" with puttyless rafter bar and continuous extruded aluminum curb and ridge bars as manufactured by Super Sky Products Company (P.O. Box 113, Thiensville, Wisconsin—Telephone Thiensville 3892) or equal.
2. Skylight shall be designed to support snow loads of forty (40) pounds per square foot, and wind loads of twenty (20) pounds per square foot applied normal to the skylight surface.
3. Skylight to be equipped with subceiling directly attached to the rafter bars by removable caps. (Subceiling—optional)
4. Shop drawings shall be submitted in quadruplicate for the architect's approval before fabrication.

Section (*3*) MATERIALS

1. All rafters, ridges, curbs, cross bars and their respective caps shall be extruded aluminum type 6063-T-5 Alloy. All flashing for "Super Sky" shall be 20 B&S gauge standard aluminum. Water proofing shall be done by means of glazing strips applied above and below glass. Approved glazing compound shall be used at curb. To prevent dust and snow from entering through the curb, apply a bead of approved glazing compound between the standard flashing and the extruded aluminum curb.
2. Glass for skylight shall be ¼ ". Type to be ···
3. Subceiling for skylight shall be translucent panels consisting of flat Polyester Fibre Glass 1/16" thick of color as selected by the architect. (Subceiling optional)
4. Plastic subceiling shall be secured to skylight frame by removable extruded aluminum caps, with anodized finish in color... Fastening of the caps to be for easy removal of panels for cleaning purposes.

Section (*4*) ERECTION

1. Erection and glazing shall be done by skylight manufacturer or by an erector approved by manufacturer.
2. Contacts between aluminum and other metals should receive a protective coating for prevention of electrolytic action or corrosion.

Section (*5*) GUARANTEE

1. The skylight shall be guaranteed for a period of one year after date of acceptance against defective design, materials, construction, and leakage.

CONSTRUCTION FEATURES

STRUCTURAL MEMBERS: All standard Rafter, Curb, Ridge, Hip, Cross Bars and their respective Caps are extruded from aluminum 6063-T-5 Alloy.

CONTINUOUS CURB BAR: An outstanding feature of the Super Sky. The extruded curb bar serves as the uninterrupted base of the complete structural frame.

EXPANSION JOINTS: In Ridge and Curb Bars—every 10 feet for standard construction.

GLAZING STRIPS: In Pitch under 18°, use extruded P.V.C. In Pitch over 18° use rubber and plastic combination. Glazing compound used only at cross bars and curbs.

GLASS: Standard construction designed for ¼" glass. Other thicknesses may be specified. For heat-absorbing glass, follow manufacturer's recommendations regarding size, etc.

SUBCEILING: Standard Construction, use polyester fibre glass 1/16" thick, color to be selected by architect. For transparent subceiling, use Plexiglas 1/8" thick or more. Subceiling removable for cleaning.

CLIPS, BOLTS, NUTS, RIVETS: All components of aluminum or stainless steel.

NO MAINTENANCE COSTS: No painting is required, inside or out. Since the entire structure is of aluminum, it is rust-proof.

FABRICATION AND INSTALLATION: Fully fabricated, carefully pre-fitted in our plant. Shipped knocked down. Require only bolting together in the field.

ERECTION: Under supervision of Manufacturer.

GUARANTEE: For 1 year against leakage and defective design.

VENTILATION: Ventilation with our all-aluminum, continuous Ridge Ventilator (with damper) or any standard gravity or power ventilator.

LOW COST: Comparatively low cost with use of standard elements, handling light weight bars, pre-fitted for easy installation, permanence and no maintenance.

VARIETY OF DESIGN: Only a few designs are shown in this catalog. The standard structural elements may be combined to comply with practically any design you may require.

ENGINEERING ASSISTANCE: We will be happy to provide detailed drawings, data, estimates, suggestions.

FOR COMPLETE INFORMATION AND HELPFUL LITERATURE, WRITE:

SUPER SKY PRODUCTS CO. • P.O. Box 113 • THIENSVILLE, WISC. • Telephone Thiensville 3892

A DIVISION OF SUPER STEEL PRODUCTS COMPANY • MILWAUKEE, WISCONSIN

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Carol J. Dyson, AIA